7/14/2010 STN International
Spelling, Abbreviations, Plurals: On


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      FILE 'INSPEC' ENTERED AT 08:05:37 ON 14 JUL 2010
L1        784 ((CO SS(S) FE SS(S) B SS))/CHI (L) 3/ELC
L2      63512 "MAGNETORESISTIVE DEVICES"+ALL/CT
L3     124211 MAGNETORESISTANCE+ALL/CT
L4      60228 "MRAM DEVICES"+ALL/CT
L5        261 L1 AND L2
L6        296 L1 AND L3
L7        230 L1 AND L4
L8        380 L5 OR L6 OR L7
L9        106 L8 AND AMORPH?
L10        28 L9 AND PY<2004
L11        28 DUP REM L10 (0 DUPLICATES REMOVED)
L12         0 CO90FE2080B20
L13         0 CO90(L)FE20(L)B20
L14     40451 MRAM OR MAGNETORESIST?
L15     64494 MAGNETO RESIST? OR ((MAGNETIC OR MAGNETO OR MR) (2A) (MEMOR?
                 OR THIN FILM OR DEVICE OR HEAD OR RANDOM ACCESS OR RAM))
L16     27468 MAGNETORESTRICT? OR MAGNETOELECTR? OR ELECTRIC SENSING
L17      7796 B3120J/CC
L18    124462 L14 OR L15 OR L16 OR L17
L19       406 L1 AND L18
L20        87 L19 NOT L8
L21        33 L20 AND AMORPH?
L22        22 L21 AND PY<2004
L23        22 DUP REM L22 (0 DUPLICATES REMOVED)
L24      1428 (COBALT OR CO) (3A) (IRON OR FE) (3A) (BORON OR B)
L25       179 L24 AND (L18 OR L2 OR L3 OR L4)
L26       134 L25 NOT (L8 OR L19)
L27       102 L26 AND PY<2004
L28        75 L27 AND AMORPH?
L29     44350 (IMPROV? OR INCREAS? OR ENHANC? OR BOOST? OR GAIN OR MAXIMIZ?
                 OR MAXIMIS?)(3A)(READ OR RESIST? OR MAGNETORESIST?)
L30         3 L28 AND L29
L31        17 L27 AND AMORPHOUS ALLOY
L32        15 L31 NOT L30
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7/13/2010 STN International
Spelling, Abbreviations, Plurals: On

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      FILE 'HCAPLUS' ENTERED AT 15:52:13 ON 13 JUL 2010
L1            0 10523281/APPS
L2            0 20060125034/APPS
L3          205 CO90FE10
L4           12 L3 AND (B20 OR BORON)
L5            2 L4 AND PY<2004


      FILE 'REGISTRY' ENTERED AT 15:55:07 ON 13 JUL 2010
L6            1 7440-48-4
L7            1 7439-89-6
L8            1 7440-42-8


      FILE 'HCAPLUS' ENTERED AT 15:55:42 ON 13 JUL 2010
L9         7104 L6 AND L7 AND L8
L10       49189 (MRAM OR "MAGNETIC MEMORY DEVICES" (L) "MRAM (MAGNETIC RANDOM
                ACCESS)") OR MAGNETORESIST? OR MAGNETO RESIST?
L11       45127 (MAGNETIC OR MAGNETO OR MR) (2A) (MEMOR? OR THIN FILM OR
                DEVICE OR HEAD OR RANDOM ACCESS OR RAM) OR MAGNETORESTRICT?
                OR MAGNETOELECTR? OR ELECTRIC SENSING
L12          31 L9 AND L10
L13          60 L9 AND L11
L14          69 L12 OR L13
L15          21 L14 AND PY<2004
L16          21 DUP REM L15 (0 DUPLICATES REMOVED)
L17          21 SEA L16
L18          21 L17 NOT L5
L19       21884 CO(L)FE(L)B
L20         178 L19 AND L10
L21         399 L19 AND L11
L22         505 L20 OR L21
L23           4 L22 AND (PERCENT? OR RATIO OR PCT)
L24           4 L23 NOT (L5 OR L12 OR L13)
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Wed, 13 Jul 2016, 7:40:08 AM EDT

Search History For This Session

- (magnetoresist* OR mr OR mram OR "magnetic memory") AND (cofeb OR cofe OR co90fe10), amorphous (171)
- (magnetoresist* OR mr OR mram OR "magnetic memory") AND (cofeb OR cofe OR co90fe10) (2053)
- "authors":(ohba OR hosomi OR bessho OR mizuguchi OR higo OR yamamoto OR sone OR kano) AND (cofeb OR co90fe10) (6)

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EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Defa ult Oper ator	Plurals	Time Stamp
L1	37243	mram or magnetoresist$6 or (magneto adj resist$6) or (magnetic near2 memor$3)	EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2010/07/13 13:45
L2	1645	u14-a04	EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2010/07/13 13:45
L3	679	s01-e01b1	EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2010/07/13 13:45
L4	38176	1 or 2 or 3	EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2010/07/13 13:46
L5	133	cofeb or fecob	EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2010/07/13 13:46
L6	1276	co near2 fe near2 b	EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2010/07/13 13:46
L7	6956	(iron or fe or ferro or ferrous or ferric) near5 (cobalt or co) near5 (boron or b)	EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2010/07/13 13:47
L8	7025	5 or 6 or 7	EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2010/07/13 13:47
L9	292	4 and 8	EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2010/07/13 13:47
L10	48	9 and amorph$5	EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2010/07/13 13:47
L11	244	9 not 10	EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2010/07/13 14:00
L12	77	11 and (ratio or percent$4 or "%")	EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2010/07/13 14:00

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	29	co90fe10	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/13 15:38
L2	513	b20	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/13 15:38
L3	0	1 and 2	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/13 15:38
L4	2	co90 adj fe10	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/13 15:38
L5	2	1 and boron	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/13 15:41